

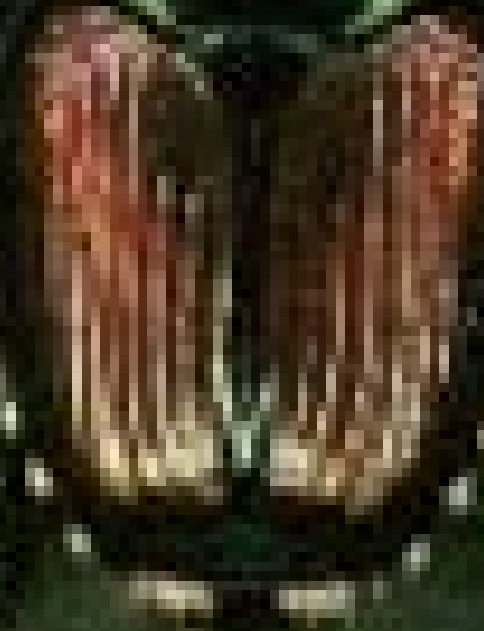


United States
Department of
Agriculture

Animal and
Plant Health
Inspection
Service

Program Aid No. 1599

Managing the Japanese Beetle: A Homeowner's Handbook



The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, sexual orientation, or marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

Mention of companies or commercial products does not imply recommendation or endorsement by the U.S. Department of Agriculture over others not mentioned. USDA neither guarantees nor warrants the standard of any product mentioned. Product names are mentioned solely to report factually on available data and to provide specific information.

This publication discusses the use of pesticides. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

Issued July 1997
Revised April 2004

Popillia japonica



Keeping JB at Bay: Best and Worst Plants To Have in Your Yard*

20 Woody Plants Resistant to Adult Japanese Beetle Feeding

- | | |
|----------------------|--------------------------------|
| 1. Red maple | <i>Acer rubrum</i> |
| 2. Boxwood | <i>Buxus</i> spp. |
| 3. Hickory | <i>Carya</i> spp. |
| 4. Redbud | <i>Cercis</i> spp. |
| 5. Tulip poplar | <i>Liriodendron tulipifera</i> |
| 6. Dogwood | <i>Cornus</i> spp. |
| 7. Burning-bush | <i>Euonymus</i> spp. |
| 8. Forsythia | <i>Forsythia</i> spp. |
| 9. Ash | <i>Fraxinus</i> spp. |
| 10. Holly | <i>Ilex</i> spp. |
| 11. Juniper | <i>Juniperus</i> spp. |
| 12. Sweetgum | <i>Liquidambar styraciflua</i> |
| 13. Magnolia | <i>Magnolia</i> spp. |
| 14. Spruce | <i>Picea</i> spp. |
| 15. Pine | <i>Pinus</i> spp. |
| 16. Northern red oak | <i>Quercus rubrum</i> |
| 17. Lilac | <i>Syringa</i> spp. |
| 18. Yew | <i>Taxus</i> spp. |
| 19. Arborvitae | <i>Thuja</i> spp. |
| 20. Hemlock | <i>Tsuga</i> spp. |

* These plant lists do not document all the species that are susceptible or resistant to Japanese beetle attack. Please consult your local county extension personnel for more information.

Woody Plants Susceptible to Adult Japanese Beetle Feeding

Primary:

- | | |
|------------------------------------|------------------------------------|
| 1. Japanese maple | <i>Acer palmatum</i> |
| 2. Norway maple | <i>Acer platanoides</i> |
| 3. Crape-myrtle | <i>Lagerstroemia indica</i> |
| 4. Apple, crabapple | <i>Malus</i> spp. |
| 5. Virginia creeper | <i>Parthenocissus quinquefolia</i> |
| 6. Plum, apricot,
cherry, peach | <i>Prunus</i> spp. |
| 7. Pin oak | <i>Quercus palustris</i> |

- | | |
|---------------------------------|--------------------------|
| 8. Sassafras | <i>Sassafras albidum</i> |
| 9. American mountain-ash | <i>Sorbus americana</i> |
| 10. Linden (American, European) | <i>Tilia</i> spp. |

Secondary:

- | | |
|--------------------|--|
| 1. Horse-chestnut | <i>Aesculus hippocastanum</i> |
| 2. Althaea | <i>Althaea</i> spp. |
| 3. Birch | <i>Betula</i> spp. |
| 4. Summer-sweet | <i>Clethra</i> spp. |
| 5. Hawthorn | <i>Crataegus</i> spp. |
| 6. Beech | <i>Fagus grandifolia</i> |
| 7. Black walnut | <i>Juglans nigra</i> |
| 8. Larch | <i>Larix laricina</i> |
| 9. Lombardy poplar | <i>Populus nigra</i> var. <i>italica</i> |
| 10. Willow | <i>Salix</i> spp. |

20 Herbaceous Plants Resistant to Adult Japanese Beetle Feeding

- | | |
|-----------------------|--|
| 1. Ageratum | <i>Ageratum</i> spp. |
| 2. Columbine | <i>Aquilegia</i> spp. |
| 3. Dusty-miller | <i>Centaurea cineraria</i> ,
<i>Lychnis coronaria</i> |
| 4. Begonia | <i>Begonia</i> spp. |
| 5. Lily-of-the-valley | <i>Convallaria majalis</i> |
| 6. Coreopsis | <i>Coreopsis</i> spp. |
| 7. Larkspur | <i>Delphinium</i> spp. |
| 8. Foxglove | <i>Digitalis</i> spp. |
| 9. California poppy | <i>Eschscholzia californica</i> |
| 10. Coral-bells | <i>Heuchera sanguinea</i> |
| 11. Hosta | <i>Hosta</i> spp. |
| 12. Impatiens | <i>Impatiens</i> spp. |
| 13. Lantana | <i>Lantana camara</i> |
| 14. Forget-me-not | <i>Myosotis</i> spp. |
| 15. Pachysandra | <i>Pachysandra</i> spp. |
| 16. Poppy | <i>Papaver</i> spp. |
| 17. Moss-rose | <i>Portulaca grandiflora</i> |
| 18. Showy sedum | <i>Sedum spectabile</i> |
| 19. Nasturtium | <i>Tropaeolum majus</i> |
| 20. Violet, pansy | <i>Viola</i> spp. |

Herbaceous Plants Susceptible to Adult Japanese Beetle Feeding

Primary:

- | | |
|------------------------------|--------------------------------|
| 1. Hollyhock | <i>Alcea rosea</i> |
| 2. Dahlia | <i>Dahlia</i> spp. |
| 3. Hibiscus | <i>Hibiscus moscheutos</i> |
| 4. Common mallow | <i>Malva rotundiflora</i> |
| 5. Evening-primrose | <i>Oenothera biennis</i> |
| 6. Soybean | <i>Glycine max</i> |
| 7. Pennsylvania
smartweed | <i>Polygonum pensylvanicum</i> |
| 8. Rose | <i>Rosa</i> spp. |
| 9. Grape | <i>Vitis</i> spp. |
| 10. Sweet corn | <i>Zea mays</i> |

Secondary:

- | | |
|--------------------|------------------------------|
| 1. Clematis | <i>Clematis</i> spp. |
| 2. Gladiolus | <i>Gladiolus</i> spp. |
| 3. Sunflower | <i>Helianthus annuus</i> |
| 4. Morning-glory | <i>Ipomoea purpurea</i> |
| 5. Cardinal flower | <i>Labelia cardinalis</i> |
| 6. Peony | <i>Paeonia</i> spp. |
| 7. Asparagus | <i>Asparagus officinalis</i> |
| 8. Rhubarb | <i>Rheum rhabarbum</i> |
| 9. Red raspberry | <i>Rubus idaeus</i> |
| 10. Zinnia | <i>Zinnia</i> spp. |

